

WASHINGTON COUNTY HEALTH DEPARTMENT

177 South Washington Street

Nashville, IL 62263

Phone (618) 327-3644 Fax (618) 327-4229

PROCEDURE FOR WELL DISINFECTION

1. Add laundry bleach to approximately 10 gallons of water.
2. Pour solution in well, be certain to splash the solution on well lining.
3. Run water through each faucet, water heater, toilet stool, ice maker, etc. until a strong chlorine smell is present. Also circulate water back into the well with a garden hose to thoroughly mix solution with water in well.
4. Allow to stand overnight in pipes, brief pumping during this period will bring fresh chlorine into pipes and aid in disinfection.
5. Run water until smell or taste is no longer evident, water may be retested after 7 to 10 days. It is strongly recommended that 2 negative water samples be obtained 30 days apart to ensure a safe water supply.

WELL DISINFECTANT CHART

CUPS OF LAUNDRY BLEACH TO BE USED AS WELL DISINFECTANT

Diameter
of well

Depth of water in well

	10'	20'	30'	40'	50'	60'	70'	80'	90'	100'
4"	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	1	1	$1\frac{1}{2}$	$1\frac{1}{2}$	2	2
6"	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	3	3	$3\frac{1}{2}$	4	5	6
8"	$\frac{3}{4}$	$1\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{2}$	4	5	6	7	7	8
10"	$1\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{2}$	5	6	7	8	10	11	12
12"	2	4	$5\frac{1}{2}$	$7\frac{1}{2}$	9	11	12	15	18	20
14"	$2\frac{1}{2}$	5	7	$9\frac{1}{2}$	12	14	15	19	23	25
16"	$3\frac{1}{4}$	$6\frac{1}{2}$	$9\frac{1}{2}$	$12\frac{1}{2}$	$15\frac{1}{2}$	19	22	25	28	31
18"	4	5	12	16	20	24	27	32	35	40
20"	5	10	$14\frac{1}{4}$	20	25	29	33	40	46	50
22"	6	12	18	24	30	36	42	48	54	60
2'	7	14	21	28	36	42	47	56	63	72
3'	19	39	59	79	100	118	132	150	130	200
4'	24	49	78	100	121	156	171	200	220	242